

## Proop Black 10.1 Process

10.1 inch Professional Operator Panel

10.1 "high resolution TFT LCD display  
Internal digital input / output and analog input / output features  
Ethernet, RS-232 and RS-485 communication  
Optional WiFi and 2nd Ethernet input  
Process monitoring / control  
Remote monitoring / control

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Features	Descriptions
<b>Graphics / Visual Features</b>	
Display Type	10.1 inc TFT
Display colors	16M color
Resolution	1024x600
Storage / Operating Temperature	-20 °C with +60 °C / 0 °C with +50 °C
Physical Features	90 % max. (None condensing)
Dimensions	278 mm x 200 mm 50 mm
Panel section	265 x186 mm
Weight	Approximately 1300g.
<b>Technical Specifications</b>	
Digital Inputs	5
Digital Outputs	4
Analogue Inputs	2 x 4...20mA
Analogue Outputs	2 x 4...20mA
Serial Communication-2	RS-485 (Terminal) Maks. Hız : 57600
Serial Communication-3	RS-232 (Terminal) Maks. Hız : 230400
Serial Communication-4	RS-232 (DB-9 socket)
MCU	ARM Cortex-A Series
Flash Memory	8GB eMMC
RAM	512 MB DDR3 SDRAM

<b>Buzzer</b>	Build in >=85 dB
<b>USB Device</b>	1 x USB 2.0
<b>USB Host</b>	1 x USB 2.0
<b>Optional Communication</b>	Wi-Fi (IEEE 80211 b/g/n), Ethernet (10/100 mbps full Duplex)
<b>Communication Protocols</b>	Modbus-RTU, Modbus-ASCII, Modbus TCP/IP, Modbus-ASCII (Slave), Modbus-RTU (Slave), Modbus TCP/IP (Slave), ISOTCP (S7-300 , S7-400, S7-1200, S7-1500), BACNET MS/TP, BACNET IP
<b>Approvals</b>	CE , EAC